

plication No PCT/EP 03/07430

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B22D11/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 B22D

		RALIA LTD 1,10 If the relevant passages Relevant to claim No. RALIA LTD 1,10 If the relevant passages 1,10 A PTY LTD 1	
Documentat	ion searched other than minimum documentation to the extent that	such documents are included in the fields so	earched
	ata base consulted during the international search (name of data b	ase and, where practical, search terms used)
WPI Da	ta, PAJ, EPO-Internal		
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the n	elevant passages	Relevant to dalm No.
Α	EP 0 450 775 A (LYSAGHT AUSTRALI ;ISHIKAWAJIMA HARIMA HEAVY IND (9 October 1991 (1991-10-09)		1,10
	cited in the application abstract		
	column 3, line 42 -column 8, lin figures 1-6	e 20;	
A	EP 0 947 261 A (BHP STEEL JLA PT ;ISHIKAWAJIMA HARIMA HEAVY IND (6 October 1999 (1999-10-06)		1
	cited in the application claims 1,2; figures 1-8	•	
		-/	
	L		<u> </u>
X Furti	ner documents are listed in the continuation of box C.	Y Patent family members are listed	in annex.
-	tegories of cited documents:	"T" later document published after the inte or priority date and not in conflict with	rnational filing date the application but
"A" docume consid	ent defining the general state of the art which is not lered to be of particular relevance	cited to understand the principle or the invention	eory underlying the
E° earlier of filing of	iocument but published on or after the international late	"X" document of particular relevance; the cannot be considered novel or canno	taimed invention be considered to
"L" docume which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another	involve an inventive step when the do "Y" document of particular relevance; the	cument is taken alone
citatio	n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	cannot be considered to involve an in document is combined with one or me	ventive step when the
other i	means	ments, such combination being obvious in the art.	us to a person skilled
tater ti	ent published prior to the international filing date but nan the priority date claimed	"&" document member of the same patent	family
Date of the	actual completion of the international search	Date of mailing of the international sec	arch report
2	3 January 2004	30/01/2004	
Name and I	mailing address of the ISA	Authorized officer	
	European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Mailliard, A	
m PCT/ISA/	210 (second sheet) (July 1992)		



Internation pilcation No
PCT/EP 03/07430

CICARA	COMPLICATION POSSIMENTS CONSIDERED TO BE DELEVANT		PC1/EP 03/0/430		
Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.		
	The state of the s		Heistain in Chaill 140.		
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 03, 28 April 1995 (1995-04-28) & JP 06 335753 A (MITSUBISHI HEAVY IND LTD;OTHERS: 01), 6 December 1994 (1994-12-06) cited in the application abstract	;	1		
A .	DE 100 57 876 C (BOLLIG G.) 23 May 2002 (2002-05-23) paragraphs '0046!-'0049!; figure 1	*	1		
		·			
,					
	·				
		·			
	*				
·					
ı					

Information on patent family members

Internationa plication No PCT/EP 03/07430

Patent document dted in search report		Publication date		Patent family member(s)	Publication date
EP 0450775	Α	09-10-1991	AT	153573 T	15-06-1997
	,,	05 10 1551	ΑÜ	631728 B2	03-12-1992
			AU	7289791 A	10-10-1991
			BR	9101329 A	26-11-1991
			CA	2039662 A1	05-10-1991
			CN	1055311 A ,B	16-10-1991
			DE	69126229 D1	03-07-1997
			DK	450775 T3	30-06-1997
			EP	0450775 A2	09-10-1991
			ĒS	2103775 T3	01-10-1997
			GR	3024486 T3	28-11-1997
			IN	174659 A1	28-01-1995
			IN	182792 A1	24-07-1999
			JP	3375142 B2	10-02-2003
			JP	6339753 A	13-12-1994
			KR	210519 B1	15-07-1999
			NZ	237557 A	23-12-1992
			ÜS	5184668 A	09-02-1993
			ÜS	5277243 A	11-01-1994
EP 0947261	Α	06-10-1999	ALL	720602 02	10 10 2001
EF 094/201	A	00-10-1999	AU	739603 B2 8424498 A	18-10-2001 01-04-1999
			AU	737788 B2	30-08-2001
			AU	8518598 A	01-04-1999
			AU	737844 B2	30-08-2001
			AU	8519998 A	01-04-1999
			CA	2246900 A1	18-03-1999
			CN	1213594 A ,B	14-04-1999
			DE	69813424 D1	22-05-2003
			DE	69814542 D1	18-06-2003
			EP	0903190 A2	24-03-1999
			ĒΡ	0903190 AZ	24-03-1999
			ΕP	0947261 A2	06-10-1999
			ĪD	21047 A	08-04-1999
			JP	11156493 A	15-06-1999
			JP	11156494 A	15-06-1999
			JP	11156495 A	15-06-1999
			TW	448080 B	01-08-2001
			US	6164366 A	26-12-2000
			US	6167942 B1	02-01-2001
			US	6167943 B1	02-01-2001
			ÜŠ	6397924 B1	04-06-2002
JP 06335753	Α	06-12-1994	NONE		